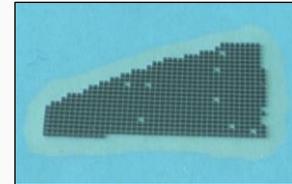




## ELC-670-25



### Description

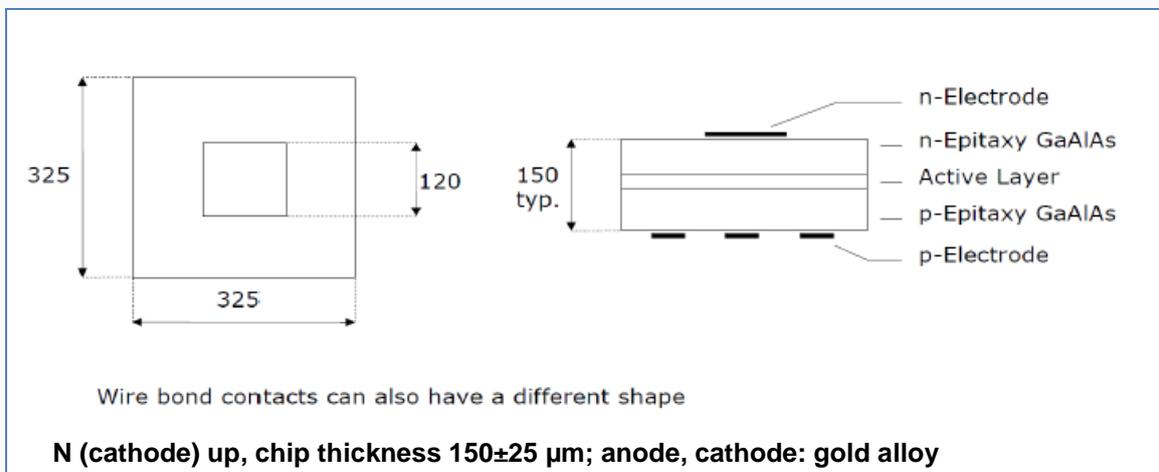
**ELC-670-25** is a AlGaAs/ AlGaAs based 325x325  $\mu\text{m}$  bare LED chip die with gold plated electrodes. It has a typical emission wavelength of 670 nm, and is delivered on adhesive film with the wire bond side up.

### Characteristics ( $I_F=20\text{mA}$ , $T_{AMB}=25^\circ\text{C}$ )

Parameter	Symbol	Min.	Values		Unit
			Typ.	Max.	
Emission Wavelength	$\lambda_{\text{peak}}$	660	670	680	nm
Forward Voltage	$V_F$		1.85	2.2	V
Reverse Voltage ( $I_R=100\mu\text{A}$ )	$V_R$	5			V
Radiant Power	$P_O$	1.8	2.5		mW
Rise/Fall time	$t_R/t_F$		45/35		ns
Spectral bandwidth (FWHM)	$\lambda\Delta$		22		nm

\*Measured on bare chip on TO-18 header

### Drawing & Dimensions



All dimensions in  $\mu\text{m}$